Virtual Address

0

21

11

12

20

38

39

29

47

Physical-Page

Offset

Page-Table Offset

Page-Dir. Offset

Page-Dir.

Pointer Offset

Page-Map

Level-4 Offset

Sign Extend

Page Map Level 4 Table

52

52

12

9

9

9

9

4 Kbyte Physical Page

Page Dir. Table

Page Dir. Pointer Table

PML4E

Page Table

CR3

Page-Map Level-4

Base Address

12

51

PTE

52

52

633

48

30

Physical

Address

PDE

PDPE